

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------------------------|---|------------------|---------|------------------|
| | | S106 and transmi\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/03 08:49 |
| | | S97 and threshold and frequen\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 13:31 |
| | | S85 and frequen\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 17:13 |
| | | S59 and (search near1 mean\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/15 13:06 |
| L1 | 1 | ("20040139105").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/12/15 13:07 |
| L2 | 1 | 1 and "self-organizing map" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/15 13:07 |
| L3 | 1 | ("5983237").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/12/15 15:04 |
| L4 | 1 | L3 and network\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/15 15:04 |
| L5 | 800 | "self-organizing map" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/15 15:04 |

EAST Search History

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| L6 | 800 | "self-organizing map" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/15 15:05 |
| S1 | 1 | ("20040139105").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/04/29 15:32 |
| S2 | 1 | S1 and dither | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/04/29 13:51 |
| S3 | 1 | S1 and (display near1 point) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/04/29 13:57 |
| S4 | 3 | ("5995978", "5983237", "20020069218").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/04/29 14:16 |
| S5 | 1 | (US-5995978-\$).did. | USPAT | OR | OFF | 2006/04/29 14:15 |
| S6 | 0 | S5 and node | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/04/29 14:16 |
| S7 | 1 | (US-5983237-\$).did. | USPAT | OR | OFF | 2006/04/29 14:16 |
| S8 | 0 | S7 and node | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/04/29 14:19 |
| S9 | 0 | S1 and "array of nodes" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/04/29 14:20 |
| S10 | 0 | S1 and "array of node" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/04/29 14:20 |

EAST Search History

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| S11 | 1 | S1 and "array" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/04/29 14:29 |
| S12 | 1 | S1 and cluster | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/04/29 14:30 |
| S13 | 32 | ("5983237").URPN. | USPAT | OR | OFF | 2006/04/29 14:45 |
| S14 | 1 | S13 and (point with position) | USPAT | OR | ON | 2006/04/29 15:24 |
| S15 | 18 | S13 and (position) | USPAT | OR | ON | 2006/04/29 15:55 |
| S16 | 17 | S15 not S14 | USPAT | OR | ON | 2006/04/29 15:31 |
| S17 | 0 | S13 and (array with node) | USPAT | OR | ON | 2006/04/29 15:31 |
| S18 | 1 | S1 and (array with node) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/04/29 15:32 |
| S19 | 93 | (search with engine) and (array with node) | USPAT | OR | ON | 2006/04/29 15:56 |
| S20 | 60 | S19 and position | USPAT | OR | ON | 2006/04/29 15:56 |
| S21 | 15 | (search with engine) and (array with node with position) | USPAT | OR | ON | 2006/04/29 15:57 |
| S22 | 15 | S21 and point | USPAT | OR | ON | 2006/04/29 17:04 |
| S23 | 0 | ("6959303").URPN. | USPAT | OR | OFF | 2006/04/29 16:08 |
| S24 | 0 | ("6959303").URPN. | USPAT | OR | OFF | 2006/04/29 16:08 |
| S25 | 5 | S21 and frequenc\$4 | USPAT | OR | ON | 2006/04/29 16:14 |
| S26 | 1 | (US-6959303-\$).did. | USPAT | OR | OFF | 2006/04/29 17:04 |
| S27 | 1 | S26 and point | USPAT | OR | ON | 2006/04/29 17:04 |
| S28 | 1 | S26 and (display\$3) | USPAT | OR | ON | 2006/04/29 17:07 |
| S29 | 1 | S26 and result | USPAT | OR | ON | 2006/04/29 17:08 |
| S30 | 32 | ("5983237").URPN. | USPAT | OR | OFF | 2006/04/29 17:24 |
| S31 | 2 | S30 and (display\$3 with point) | USPAT | OR | ON | 2006/04/29 17:37 |
| S32 | 25 | S30 and point | USPAT | OR | ON | 2006/04/29 17:24 |
| S33 | 23 | S32 not S31 | USPAT | OR | ON | 2006/04/29 17:25 |
| S34 | 0 | S30 and (output\$3 with point) | USPAT | OR | ON | 2006/04/29 17:36 |
| S35 | 1 | ("6651054").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/04/29 17:36 |

EAST Search History

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| S36 | 1 | S35 and (display\$3 with point) | USPAT | OR | ON | 2006/04/29 17:40 |
| S37 | 0 | S35 and array | USPAT | OR | ON | 2006/04/29 17:40 |
| S38 | 36 | "5983237" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/04/29 17:49 |
| S39 | 1 | ("5983237").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/04/29 17:49 |
| S40 | 1 | (US-5983237-\$).did. | USPAT | OR | OFF | 2006/05/01 11:20 |
| S41 | 1 | S40 and point | USPAT | OR | ON | 2006/05/01 11:21 |
| S42 | 1 | S40 and position | USPAT | OR | ON | 2006/05/01 11:31 |
| S43 | 0 | S40 and (search\$3 with select\$4) | USPAT | OR | ON | 2006/05/01 11:31 |
| S44 | 1 | S40 and (search\$3 with criter\$) | USPAT | OR | ON | 2006/05/01 11:32 |
| S45 | 1 | S40 and search\$3 | USPAT | OR | ON | 2006/05/01 11:34 |
| S46 | 1 | S40 and position | USPAT | OR | ON | 2006/05/01 11:54 |
| S47 | 0 | S40 and (position with array) | USPAT | OR | ON | 2006/05/01 11:35 |
| S48 | 0 | S40 and (position with vector) | USPAT | OR | ON | 2006/05/01 11:35 |
| S49 | 1 | S40 and tree | USPAT | OR | ON | 2006/05/01 11:58 |
| S50 | 1 | S40 and gui | USPAT | OR | ON | 2006/05/01 11:58 |
| S51 | 1 | S40 and gui and display\$3 | USPAT | OR | ON | 2006/05/01 11:58 |
| S52 | 1 | S40 and gui and display\$3 and point | USPAT | OR | ON | 2006/05/01 13:34 |
| S53 | 1 | S40 and gui and display\$3 | USPAT | OR | ON | 2006/05/01 13:39 |
| S54 | 1 | S40 and map\$4 | USPAT | OR | ON | 2006/05/01 13:57 |
| S55 | 1 | S40 and vector and array and matrix | USPAT | OR | ON | 2006/05/01 14:12 |
| S56 | 0 | S40 and frequenc\$ | USPAT | OR | ON | 2006/05/01 14:14 |
| S57 | 0 | S40 and occurrenc\$ | USPAT | OR | ON | 2006/05/01 14:22 |
| S58 | 1 | S40 and threshold | USPAT | OR | ON | 2006/05/01 14:22 |
| S59 | 1 | ("20040139105").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/01 14:41 |
| S60 | 0 | S40 and "search means" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/01 14:39 |

EAST Search History

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| S61 | 0 | S59 and "search means" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/01 14:40 |
| S62 | 0 | S59 and "search mean" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/01 14:40 |
| S63 | 0 | S59 and "search mean" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 14:40 |
| S64 | 0 | S59 and (search near1 mean\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 14:40 |
| S65 | 0 | S59 and (search with mean\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 14:40 |
| S66 | 1 | S59 and search | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/01 14:56 |
| S67 | 1 | S40 and cluster | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 14:57 |
| S68 | 1 | S40 and clusters\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 15:46 |
| S69 | 1 | S59 and (display\$3 with label) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 15:49 |
| S70 | 1 | S59 and label | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 15:49 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S71 | 4 | (US-6847966-\$ or US-6782395-\$ or US-6493705-\$ or US-6959303-\$).did. | USPAT | OR | OFF | 2006/05/01 16:15 |
| S72 | 1 | S71 and label | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 16:16 |
| S73 | 0 | S71 and cluster\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 16:17 |
| S74 | 0 | S71 and cluster\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 16:17 |
| S75 | 1 | ("6651054").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/01 16:17 |
| S76 | 0 | S75 and label\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 16:17 |
| S77 | 0 | S75 and cluster\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 16:18 |
| S78 | 1998 | label\$3 with cluster\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 16:18 |
| S79 | 96 | label\$3 with cluster\$3 with word | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 16:24 |
| S80 | 6 | label\$3 with cluster\$3 with word with select\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 16:19 |

EAST Search History

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| S81 | 80 | S79 and point | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 16:24 |
| S82 | 75 | S81 not S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 17:12 |
| S83 | 56 | ("6460036").URPN. | USPAT | OR | OFF | 2006/05/01 16:28 |
| S84 | 1 | "20020138487" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 17:12 |
| S85 | 1 | ("20020138487").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/01 17:12 |
| S86 | 1 | S85 and frequen\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 17:15 |
| S87 | 1 | S85 and (frequen\$5 or occurrenc\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/01 17:15 |
| S88 | 0 | ("20020138487A1").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/02 10:25 |
| S89 | 1 | ("20020138487").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/02 10:26 |
| S90 | 1 | ("5983237").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/02 10:26 |

EAST Search History

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|------|---|---|---|----|-----|------------------|
| S91 | 0 | ("0002or3").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/02 10:26 |
| S92 | 2 | S89 S90 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/02 10:33 |
| S93 | 0 | S92 and portable | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 10:26 |
| S94 | 1 | S92 and device | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 10:26 |
| S95 | 2 | S92 and (computer or device) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 10:34 |
| S96 | 1 | ("7031909").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/02 13:25 |
| S97 | 1 | ("5754938").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/02 13:26 |
| S98 | 1 | S97 and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 13:31 |
| S99 | 1 | S97 and threshold and frequen\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 13:38 |
| S100 | 1 | S97 and threshold and frequen\$5 and occur\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 14:13 |

EAST Search History

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|----------|------|--|---|----|-----|------------------|
| S10 1 | 4748 | threshold and (frequen\$5 with occur\$5) and vector | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 13:49 |
| S10 2 | 1 | S97 and threshold and frequen\$5 and occur\$5 and vector | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 14:59 |
| S10 3 | 0 | S97 and portable | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 15:00 |
| S10 4 | 1 | S97 and device | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 15:00 |
| S10 5 | 1 | S97 and computer | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/02 15:00 |
| S10 6 | 1 | ("5983237").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/05/03 08:05 |
| S10 7 | 1 | S106 and (program\$4 or code) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/03 08:42 |
| S10 8 | 1 | S106 and storage | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/03 08:48 |
| S10 9 | 0 | S106 and transmission | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/03 08:49 |
| S11 0 | 0 | S106 and transmit\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/03 08:51 |

EAST Search History

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|----------|---|---------------------|---|----|----|------------------|
| S11 1 | 1 | S106 and network\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/05/03 08:51 |
|----------|---|---------------------|---|----|----|------------------|